

FOLIO

PLATO System Expands

In 1980 the University purchased a Control Data Canada, Ltd. computer-based education system for \$2.3 million. PLATO (Programmed Logic for Automated Teaching Operations) has been a big man on campus ever since. The latest phase of his development occurred on 30 August in the Biological Sciences Centre. A new learning centre containing twenty-nine student learning stations, each with a video display terminal, was opened in the presence of President Horowitz; T.S. (Dudley) Allan, President of Control Data Canada, Ltd.; Phil Gougeon, Coordinator of the Alberta 1980s Advanced Education Endowment Fund; and other guests and members of local news outlets.

The centre, which strengthens the University's position as the leading Canadian university in computer-based learning, is the upshot of a \$1.4 million gift from Control Data Canada, Ltd. which was matched by Alberta Advanced Education's 1980s Endowment Fund. CW213 Biological Sciences Centre was released by the Faculty of Science which was then given first call on booking the Viking terminals, the latest generation PLATO terminals. They are standardized terminals which can be configured in a number of ways, PLATO, MTS, and graphics being three of the options available.

Another aspect of the matched gift is that with the addition of a floppy disc, the PLATO terminals can become stand-alone microcomputers. This means that

the terminals won't have to be connected (by telephone lines) to the University's main computer for course delivery off campus.

Although Science has first crack at the facility, it is open to all University staff and students. They can peruse the PLATO course catalogue by obtaining Browser Signon authorization from Instructional Systems and PLATO Services' offices in the Students' Union Building and General Services Building. There is no charge for the service, however proof of employment at the University or a valid student identification card must be shown.

The gift of hardware and software for the University's Cyber 170/730 computer, will allow the addition of seventy-five to one

hundred terminals on campus.

"The forecast demand for one new PLATO learning centre a year still holds," Michael Szabo, Manager, Instructional Systems and PLATO Services, said.

The PLATO system is being used to deliver existing lessons to students and to develop new lessons in more than a dozen Faculties. Other PLATO learning centres are located in Education North, the General Services Building, and the Medical Sciences Building. The general public can take courses on PLATO at the learning centre in the Faculty of Extension.

Preceding the visit to the learning centre, Mr. Allan expressed satisfaction in "being here today among representatives of what I can rightfully describe

as the most progressive university in Canada in the area of computer-based education." He described PLATO as a world-class system which is helping the University gain world standing in computer-based education.

Students here are receiving instruction in more than thirty courses, including anatomy, biology, cardiology, chemistry, dentistry, home economics, education, engineering, and mathematics.

Off campus users include post-secondary educational institutions, public schools and industrial firms. The Alberta PLATO system is one of a worldwide network of nineteen systems which supports more than 6,000 terminals. □



What better way for the media to experience the wherefores of PLATO than to try the system themselves.

Board of Governors

The first meeting of the Board of Governors for the 1983-84 academic year was held on Friday, 2 September. John McDonald, Dean of Science, was welcomed as a new Board member, representing the University's academic staff. D.M. Ritchie, Chairman of the Finance Committee, presented a brief report and received Board approval for the audited University Financial Statements for the year ending 31 March 1983.

The Board Building Committee report was then presented by the new Chairman of BBC, Jack Kennedy. Before he spoke, however, Board Chairman John Schlosser recognized the work done by retiring Board member (and recent Chairman of BBC) Max Berretti. Mr. Kennedy then outlined several items dealt with by his committee in the past months. Board members discussed the recent approval of a building proposal and statement of need for a new Engineering IV (Electrical) Building, recognizing that the proposal will be used as a basis for further planning. He also informed the Board of the occupancy rate in the new Garneau Student Housing complex, stating that all one

and two-bedroom units (with the exception of one or two units for the handicapped) had been leased for occupancy in the fall term. Thirty-five percent of the four-bedroom units have also been leased, and Mr. Kennedy informed the Board that a publicity campaign has been initiated to try to raise the occupancy in these last units. A follow-up report on the status of University residences will be prepared by BBC for inclusion at a future Board meeting.

Janet Bentley, Chairman of the Board Educational Affairs Committee, then informed members of recent appointments and reappointments of department chairmen.

E. Sharon Brintnell has been named Chairman of the Department of Occupational Therapy, Faculty of Rehabilitation Medicine. Professor Brintnell's appointment is for a three-year term beginning 1 July 1983. A graduate of the Universities of Toronto and Alberta, she joined the University of Alberta faculty in 1971. Benita Fifield was Acting Chairman of Occupational Therapy for the past year.

David J. Magee has been reappointed Chairman of Physical Therapy, Faculty of Rehabilitation Medicine, for a five-year term effective 1 July 1983. Dr. Magee, who obtained his bachelor's degree from Lakehead University in 1968, holds three degrees from The University of Alberta (BPT 1972, MSc 1975, PhD 1980). He has been Chairman of Physical Therapy since 1980.

In addition, the reappointment of Harvey Zingle as Chairman of Educational Psychology, Faculty of Education, was confirmed by the Educational Affairs Committee. Dr. Zingle has earned three degrees from this University (BA, MEd, PhD), and has led the department for the past five years. His second five-year term began on 1 July 1983.

Mrs. Bentley also presented the 1982-83 Annual Report of the Educational Affairs Committee, including a report of the ac-

tivities of the former Board Academic Concerns Committee.

The final item on the BEAC Report was an information item relating to the proposal for Senate Awards for Community Service. The consensus of BEAC was "to acknowledge the enormous importance of University interaction with the community at large, but to point out that the heart of the matter is the way in which the individual initiatives are recognized... and that, for example, it might be better to leave it to various community organizations to recognize the particular contributions of individual University staff members, and to give institutional support and encouragement to such activities via the normal channels of communication."

Board members heard monthly reports from the President, the Chancellor, the Graduate Students' Association, and the Alumni Association, before dis-

cussing the Advanced Education Seminar, scheduled for 6 October 1983.

Lengthy discussions followed about the progress report relating to the desired renovations to the Earth Sciences Building. Further information on the proposed renovations will be outlined in a future issue of *Folio*. □

Special Sessions and College Liaison

On 1 July last the Special Sessions Office was joined with the Faculty of Extension rather than reporting to the Office of the Vice-President (Academic). Under the new arrangement, Lloyd Carswell will continue to function as Director of Special Sessions, and the division of responsibilities between that office and the Registrar's Office will remain unchanged. The GFC Committee on Special Sessions will continue to function in its policy-setting role.

On the same date the responsibilities for college liaison, which have previously been handled through the Office of the Vice-President (Academic), were also largely transferred to the Faculty of Extension. For the 1983-84 academic year, Ernest Reinhold, former Chairman of the Committee on Admissions and Transfer, will hold a half-time appointment with the Faculty of Extension in order to provide for a smooth transition of these functions. The Registrar's Office will continue to provide information to students in the colleges, as well as maintaining the Transfer Guide and associated records. Departments and Faculties will continue to review and recommend (or not recommend) college courses for transfer to The University of Alberta; the GFC Committee on Admissions and Transfer will continue to set policy with regard to transfers under authority delegated to it by GFC. □

Lecture Series Set

Once again Massimo Verdicchio of the Department of Romance Languages has organized a lecture series. Lectures will be given Thursdays at 4 p.m. in 5-20 Humanities Centre. The schedule is as follows: 22 September. U. Margolin, Department of Comparative Literature, "Narrative and Indexicality." 20 October. R.R. Wilson, Department of English, "The Play of Carnival and the Carnival of Play: Bakhtin and Derrida on Scriptor Ludens." 17 November. R.A. Young, Department of Romance Languages, "Describing the Narration of Things Past." 19 January. R.W.F. Wilcocks, Department of Romance Languages, "The Uses of Literary Theory." 16 February. "The English Connection: The Missing Element in Frank Lentricchia's *After the New Criticism*." 15 March. M.M. Verdicchio, Department of Romance Languages, "Who's Afraid of Literary Theory." □

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423 Athabasca Hall*

*The University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325*

*All enquiries and correspondence should be
directed to:
Ron Thomas
Editor*

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Faculty of Agriculture and Forestry Barks Up the Right Tree

Doug Fir was welcomed to the Agriculture-Forestry Centre last week. Professor Fir, ruddy cheeked and effervescent, was quickly made to feel at home by personnel on the main floor, no mean feat in view of the fact that he has resided near Sooke, British Columbia (on the west side of Vancouver Island), for 833 years, and at the University Farm for the past two years. He arrived at the latter address after the Faculty let it be known that it wished to acquire a section of a Bunyanesque specimen for display purposes. Pacific Forest Products Ltd. of Victoria, B.C., kindly donated him to the University.

Professor Fir's curriculum vitae points out that individuals of his size and vintage are becoming increasingly rare. It is doubtful, in fact, that their like will be seen again except on a few reserves. Only a very limited number of Professor Fir's ilk exist in Canada and the Faculty of Agriculture and Forestry has fittingly given him a prominent position on the main floor. Being nine feet across and eighteen inches thick, the Professor has a commanding presence. Since his arrival at the University Farm in the winter of '81 he has undergone an intensive finishing process. Adjustable steel bands in excess of twenty-seven feet in circumference were constructed to keep his girth from straying. Chemicals (polyethylene glycol) were sprayed on his person to keep him from cracking during the year-long curing period. He had to be sanded and smoothed on both sides before an epoxy finish was applied.

In advance of his move to the Agriculture-Forestry Centre, a steel stand was custom designed to distribute the weight of his bulk and some of the Centre's undersized doors were altered.

While Professor Fir was greeted enthusiastically on 31 August, he won't be available for consultation for a few more weeks. His annual rings were



Logon time in the Faculty of Agriculture and Forestry.

photographed and are being analysed by dendrochronology experts in Vancouver. A photo-

graphic essay and listings of significant events that occurred during Professor Fir's coming of

age and conditions that affected his growth are being compiled and will be placed nearby. □

Alumni Homecoming Fast Approaching

Alumni Homecoming '83 is only weeks away and, according to Alumni Director Susan Peirce, the annual weekend celebrations should prove to be most entertaining.

Special classes to be honored this year are the Class of 1923, this year's Diamond Grads; the Class of 1933, the Golden Grads; and the Class of 1958, the Silver Grads. But Homecoming '83 is for all University of Alberta alumni, and the weekend is designed to provide something for everyone.

The weekend festivities begin on Friday, 30 September, with a Western Barbeque and Dance. The barbeque will run from 6:30 to 8 p.m. on the Universiade Pavilion concourse, and will be followed by a special "premier

viewing" of the Pavilion from 8 to 9 p.m. The dance will be held in E-19 Physical Education and Recreation Centre, with music by "Cactus."

Saturday will begin early for alumni wishing tours of their alma mater. At 9:30 a.m. graduates will meet in front of the Students' Union Building and be taken on a walking tour of campus, returning to SUB for a Light Lecture 'n' Lunch. The lecture will be by well-known cartoonist and humorist Ben Wicks who has taken as his whimsical topic "Interbreeding for a Better Canada."

The Homecoming spotlight will then shift to Varsity Stadium for Homecoming football which pits the Golden Bears against their provincial rivals, the University of Calgary Dino-

saurs.

Saturday's activities will be topped off by the Homecoming Reception, Banquet and Ball, beginning at 6:30 p.m. at the Westin Hotel.

Sunday is reserved for individual class activities, with the Diamond and Golden Grads being guests of honor at a brunch hosted by Dr. and Mrs. Horowitz.

Tickets for the various Homecoming '83 events are now available from the Alumni Association (\$12.50 per person for the Western Barbeque and Dance; \$6 for the Light Lecture 'n' Lunch; and \$25 for the Banquet and Ball). Tickets and more information on Homecoming '83 may be obtained by contacting the Alumni Association, 430 Athabasca Hall, telephone 432-3224. □

Cameron Library: Business as Usual?

Peter Freeman, University Librarian, knows how to make a point. And last week, his point was the need to communicate to Library users the implications of on-going Library renovations. Answering a call from Mr. Freeman to come to talk about said renovations, an inquisitive *Folio* staff member marched in to Cameron Library, and took the elevator to the fifth floor. After all, the office of the University Librarian has always been on the top floor of the campus's main Library building.

Not any more. As the elevator doors opened, a puzzled workman in hard hat and steel-toed shoes announced, "You can't come in here, there's nothing here." Nothing indeed. No Library personnel, no administrative office...only rubble and ladders and workmen in hard hats and steel-toed shoes.

Undaunted, *Folio* took up the challenge of locating the elusive Mr. Freeman.

"Mr. Freeman? I think he's in the basement," ventured the workman. And so to the depths, only to find Library personnel...but no Mr. Freeman. "He's on the third floor..." Back up the elevator. "Mr. Freeman? Oh yes, he's here...just go down to stack 20, turn left, follow the corridor until you see a wall...he's on the other side of it. I'm not quite sure where the door is."

"You found us," says Mr. Freeman with a smile. Yes, Mr. Freeman, and you made your point...it will indeed be important for staff and students to know about the changes taking place this fall.

The changes have been necessitated by the need to remove asbestos from the ceilings of Cameron Library. Revisions to the Alberta Building Code have meant that all buildings on campus have been inspected and evaluated for amount and condition of asbestos, an insulating material which has been defined as a potential health hazard. When the evaluation team completed its rounds at the Univer-

sity, a dozen buildings were earmarked for the asbestos removal program. Some work has already been done (Michener Park, Education South, Dentistry/Pharmacy Centre), but one of the highest priorities was clearly Cameron Library. The removal program begun in the Library last fall was facilitated by special funding from the provincial government (See *Folio*, 18 November 1982).

The work is being done in two stages, the first of which is nearly finished. The basement and the first and fifth floors are all but complete, including some major changes needed to bring the Library up to current structural standards. In addition, the first floor is being redesigned with an eye to creating a more appealing and a more functional use of space. The work is only slightly behind schedule, but it is this that concerns Mr. Freeman. "The work has been done with a minimum of disruption," he points out. "Nonetheless, there is no denying the chaos...and the dirt!"

What does all this mean for Library users? It means that the main floor circulation area will not be completed by the time classes start. It means that those new to the ways of Cameron Library will be initiated under less than ideal conditions. And it means that those familiar with Cameron Library will have to re-orient themselves. That, as they say, is the bad news. The good news is that the first phase of the asbestos removal program should be completed by Christmas. And, once completed, Cameron Library will be a far safer, far more functional facility. In the meantime, Library orientations will continue and library staff will be on hand to assist in any way they can. A list of current Library locations within Cameron Library follows.

Health Sciences Library, basement; Science and Technology Library, fourth and third floors; Government Publications, third

floor; Bruce Peel Special Collections Room, second floor; Undergraduate Collection, main and second floors; and Reserve Reading Room, main floor.

The service areas in Cameron Library are located as follows: Circulation, main floor; Fines,

main floor; Interlibrary Loans, basement; Photoduplication, basement; and Administrative Offices, third floor. It is expected that further moves will take place around Christmas; *Folio* will report location changes as they occur. □

LeRoy P.V. Johnson, 1905 - 1983

LeRoy Johnson, Professor Emeritus of Genetics and a member of the academic staff at The University of Alberta from 1948 to 1969, died on 23 August 1983 at Mill Bay, Vancouver Island.

Dr. Johnson was born on a homestead near Stavely, Alberta, where he attended Mountain Peak School. It was a matter of great pride to Dr. Johnson that he obtained much of his secondary education through home study. He attended the School of Agriculture at Claresholm from 1925 to 1927 and The University of Alberta, where he received his BSc in 1931 and his MSc in 1933, both from the Faculty of Agriculture. He received his PhD in Genetics from Washington State University in 1935.

During the thirties Dr. Johnson worked as a research assistant at the Central Experimental Farm, Ottawa, and as a forest geneticist at the National Research Council, Ottawa. Before joining the University as Associate Professor of Genetics and Plant Breeding in 1948, he had been Associate Professor of Agronomy at the University of Florida, Gainesville, and at Washington State University, Pullman.

Dr. Johnson accepted several foreign assignments while at The University of Alberta. He served with the United Nations in Syria, the Nuffield Foundation in England, and the Ford Foundation, both in Pakistan and in the Philippines. The primary du-

ties of these assignments involved development of research stations and the introduction of high yielding rice varieties in Third World countries. In these roles he was deeply associated with what is now known as "the Green Revolution."

At The University of Alberta, Dr. Johnson carried out an active research program in barley genetics which resulted in the licensing of two new varieties, "Gateway 63" and "Centennial." He also participated in cooperative research projects with the Canada Department of Agriculture. He was a member of the National Research Council Associate Committee on Plant Breeding, and the Research Council of Alberta Advisory Committee on Hail Research. Dr. Johnson taught senior courses in Genetics and Biometrics and became Chairman of the Department of Genetics in 1969.

In addition to some seventy scientific papers, he was a successful author of works entirely outside his professional association with Genetics and Plant Breeding. Two of his books, *Aberhart of Alberta* and *Sodom Thy Sister*, appeared in 1970, the year of his retirement from the University. He also published about forty short stories, numerous popular articles and a number of poems. Dr. Johnson was also very active in University committee work and community activities. He was a member of

the Board of Stewards of Garneau United Church, the Christian Education Committee for Garneau United Church, and of the Board of Directors for the Glendale Golf and Country Club. He was also President of the Dickens Fellowship (Edmonton Branch) and Vice-President of the Canadian Authors' Association (Edmonton Branch).

Dr. Johnson exhibited keen interest in the world about him and a knowledge that was both broad and deep. He took on active roles in Alberta archaeology, environmental protection and resource conservation; he was an avid collector of ancient coins. He was familiar as an extension and public lecturer and delivered

radio and television talks. He enjoyed gardening and generously supplied younger faculty with plantings as they established their new homes in the city.

Although "Lee" Johnson left the city on his retirement to reside at Mill Bay, he never lost contact with the University. Indeed, he had visited the Department of Genetics only a few months ago. Then, as always, he was friendly and jovial. He will be deeply missed by all who knew him.

He is survived by his wife, Delta, son, Robert, and daughters, Elise and Elaine.

Donations can be sent to either the Canadian Cancer Society or the Canadian Diabetes Association. □

Staff Fitness Program Bulks Up

People taking summer registrations for the Staff Fitness and Lifestyle Program expected 250 registrants. They got 385. Art Burgess, Fitness Coordinator, anticipating another run on the program's numerous courses in the fall and winter, has added three programs, Project ReNew, Beyond Fitness, and Beyond Beyond Fitness.

Project ReNew is a lifestyle renewal program for people who would like to alter the way they live. The program offers physical fitness and lifestyle appraisal, a smoking cessation program (if needed), nutrition and weight control counselling, relaxation techniques, and a graduated physical activity program.

Participants will meet thrice weekly under the direction of a team of lifestyle coaches. They will be aided in setting goals appropriate for them. The early sessions will deal with relaxation techniques; participants will be introduced to a variety of light, pleasant exercises that will be gradually intensified as they become more fit.

The program fee of \$125 covers thirty lessons and a fitness

appraisal session. Five groups of eight students will be accepted and the schedule will be set to accommodate the personal schedules of the participants. The program begins on 3 October.

Beyond Fitness is intended for people who are reasonably fit. Its components are Ice Skating for Adult Beginners, Ice Skating for Adult Skaters, So You Wanted to be a Dancer, Chasquis Running Club, and Pre-Season Hockey Conditioning for the Over 35 League. The latter program starts on 19 September; the others start on 3 October.

Beyond Beyond Fitness incorporates Foil Fencing for Adults, Racquet Sport Instruction, Family Roller Skating Instruction, International Folk Dance, Adults Only Roller Skating Instruction, and Ski, Ski, Ski (a pre-ski conditioning course for cross-country or downhill).

Dr. Burgess, who can be contacted about these and other programs at 432-5607, inaugurated the fitness program in 1977.

Since then, he has gone on benders with about 2,500 people. □

Edmonton Chamber Music Society, 1983-84

The Edmonton Chamber Music Society is about to embark on its twenty-second series of subscription concerts. Since 1945 the Society has presented a wide and rich variety of chamber music to the people of our city, bringing here such artists as Maureen Forester and Elly Ameling as well as such renowned ensembles as the Hungarian String Quartet and the St. Martin-in-the-Fields Octet. This year promises to be no exception.

The first concert of the season, 5 October, will feature the Lindsay String Quartet playing works by Beethoven, Tippet, and Dvorak. The second concert, 2 November and open to non-members (\$10 at the door), will be devoted to "The Baroque Sonata." The players will be Frans Brügger, recorder, and John Gibbons, harpsichord.

There will be four other concerts in the 1983-84 series. Denis Brott and Elyakim Tausig will perform works by Prokofiev, Beethoven, Brahms and Debussy on 30 November. The world renowned Emerson String Quartet will present chamber pieces by Mozart, Wright, and Beethoven on 18 January. The last two concerts will take place on 14 March and 4 April, the former featuring the Bach Aria Group and the latter the Rogeri Trio.

All concerts will begin at 8 p.m. in SUB Theatre. Subscriptions are available at the SUB Box Office, Canadiana Gifts and Canadiana Galleries on Jasper Avenue, Woodward's stores, and from the Society by mail (8359 120 Street, Edmonton T6G 1X1). In the event that there are subscriptions still available, they will be sold at the door on 5 October. The series of six concerts costs \$50 regular and \$25 for students and senior citizens. □

Curtain Up

Several former fine arts students at this University are smiling about Northern Light Theatre's production of "Judy... Weep No More My Lady." Kathie Ball, Richard Link, Brian Deedrick, Conni Massing, Daniel Van Heyst and Barbara Devonshire are lending their talents to the musical drama which takes place in spring 1961 on just one more stop in a long concert tour. Kathie Ball portrays Judy Garland, and Richard Link is Eddie, her pianist. Brian Deedrick is the director and, with Conni Massing, co-author. Daniel Van Heyst is the designer, and Barbara Devonshire is the costume designer.

Wally Seibert, a movement instructor in the Department of Drama and the man who was once Miss Garland's choreographer, will provide both musical staging and choreography for "Judy... Weep No More My Lady." Professor Seibert has worked on Broadway and has choreographed for such companies as the St. Louis Municipal Opera and Theatre Under the Stars (Atlanta).

"Judy" opens 16 September and runs through to 2 October in the Walter Kaasa Theatre. Tickets for all performances, including the preview showing on 14 September, are available at Woodward's or by calling 471-1586. □

Baby Doe'

Auditions will be held on 15 September from 4 to 7 p.m. in Convocation Hall for anyone interested in participating in this year's major opera production "The Ballad of Baby Doe" which will be performed 25 and 26 November in Convocation Hall.

"The Ballad of Baby Doe" was written by the American composer Douglas Moore (1893-1969) and was first performed in Central City, Colorado, in 1956. The opera is based

on real characters and events in American history, and due to the popularity of both the subject and the music, "The Ballad of Baby Doe" has already achieved the status of being an opera "classic."

The opera centres on the life of Horace Tabor (1830-1899) who went from rags to riches to become a legend in his own time as one of the richest bonanza silver kings and one of the most powerful political forces in Colorado during the late 1800s. The action spans a period of almost twenty years, focussing on Tabor's struggle to hold on to his crumbling empire and on the two women who helped to shape his destiny, Augusta Tabor and Elizabeth 'Baby' Doe.

Although the events of the opera are not completely historically accurate, according to Duane Smith in his book *Horace Tabor: His Life and the Legend*, "it succeeded in capturing the spirit of the times and the character better than many of the so-called biographers."

Anyone wishing to participate as a chorus member or in one of the numerous roles in this exciting production should contact Alfred Strombergs or Murray Moats at 432-4168. □

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Lectures and Seminars

Alberta Heritage Foundation for Medical Research

8 September, 4 p.m. J. Gordon Foulkes, Massachusetts Institute of Technology, Cambridge, Massachusetts, will speak on "Protein Phosphorylation: From Hormones to Oncogens." Hosted by the Department of Biochemistry. 2-31 Medical Sciences Building.

9 September, 11 a.m. Margot Kogut, Department of Biochemistry, University of

London, will present a lecture entitled "Adaptive Changes to External Salinity by a Moderately Halophilic Bacterium." Sponsored by the Department of Medical Microbiology. 1-17C Medical Sciences Building.

Department of Sociology

9 September, 9:30 a.m. Patricia Marchak, Professor of Sociology, University of British Columbia, will give a talk on "The Political Economy of B.C. Resource Industries." 14-6 Tory Building.

Department of Immunology

9 September, 10 a.m. Michael Gallatin, Laboratory of Experimental Oncology, Department of Pathology, Stanford University School of Medicine, will present a seminar entitled "A Cell-Specific Molecule Involved in Organ-Specific Homing of Lymphocytes." (Lymphocytes migrate from the bloodstream by recognizing and binding to specialized endothelial cells lining the lymph nodes. Dr. Gallatin has, for the first time, identified and characterized the molecule which mediates this specific recognition.) The speaker is being sponsored by the Alberta Heritage Foundation for Medical Research. 8-66 Medical Sciences Building.
13 September, noon. Clive Arthur Slaughter, Department of Microbiology, University of Texas Health Science Centre, Dallas, will speak on "Antibody Diversity and Idiotypes: Studies of Murine Anti-Arsenate Antibodies." Dr. Slaughter is a cellular and molecular immunologist who has used murine monoclonal antibodies to study antibody diversity, idiotypes, and enzyme allelic variants. The speaker is being sponsored by the Alberta Heritage Foundation for Medical Research. 8-66 Medical Sciences Building.

Department of Zoology

9 September, 3:30 p.m. R.B. Aiken, Department of Entomology, will speak on "The Problems and Rewards of Underwater Singing." M-149 Biological Sciences Building.
12 September, 3:30 p.m. Susan Hannon, Museum of Vertebrate Zoology, University of California, Berkeley, will speak on "Female Aggressiveness, Breeding Density, and Monogamy in Willow Ptarmigan." CW-410 Biological Sciences Building.

Department of Oral Biology

12 September, 2 p.m. Patricia Smith, Department of Anatomy, Hebrew University, Jerusalem, will deliver a lecture on "Evolutionary Trends in the Human Dentition." 2031 Dentistry/Pharmacy Centre.

Faculty of Education

12 to 28 September, 7 to 9 p.m. John Wilson, Oxford University, will give a three-week series of classes every Monday and Wednesday on the topic "Philosophical Problems in Educational Research." 5-180 Education North.

Department of Geography and the Faculty of Nursing

14 September, 4 p.m. R. Mansell Prothero, Department of Geography, Liverpool University and Visiting Lecturer, Liverpool School of Tropical Medicine, will speak on "Mobility and Health Hazards: a Neglected Factor in Epidemiology." 3-101 Clinical Sciences Building.

Faculty of Library Science

15 September, 2 p.m. Richard Boss, founder and senior consultant of Information Systems Consultants, Inc., Bethesda, Maryland, will present a lecture entitled "Managing the Modern Library with Technology." Humanities Centre, Lecture Room 3.

Department of Classics

16 September, noon. John Boardman, Lincoln Professor of Archaeology and Art at the University of Oxford, will speak on "The Nude, Heroic and Otherwise." Tory Basement #5.

16 September, 3:30 p.m. Professor Boardman will lecture on "Greek Myth in Art." 1-8 Humanities Centre.

Exhibitions

Ring House Gallery

Until 18 September. "Toward Landscape" by Norman Yates. A major retrospective exhibition on the artist's life and work. Sponsored by the Alberta Art Foundation as a Tenth Anniversary Project. Gallery hours: Weekdays: 11 a.m. to 4 p.m.; Thursday: 11 a.m. to 9 p.m.; Sunday: 2 to 5 p.m. For further information, telephone 432-5834.

Film

Departments of Radio and Television and Zoology

15 September, 7:30 p.m. The film "Ghost Moose" will be shown on CBC television. "Ghost Moose" is a twelve-minute film that deals with research precipitated by the 1977 die-off of moose in Alberta. It takes the viewer into the world of wildlife parasitology and into the life cycle of "Dermacenter albipictus," a unique one-host tick that spends its life on moose. "Ghost Moose," produced by the above noted departments, won the "Best Wildlife" category award at the Alberta Motion Picture Industry Association's 1983 competition.

Matters of Faith

Catholic Campus Ministry

18 September, 11 a.m. Academic Mass of the Holy Spirit. Faculty, staff and students are invited. St. Joseph's College Chapel.
27 September to 8 November, 7 to 9 p.m. Romans 8 (study of 8th chapter of letter of St. Paul to the Romans). For further information, visit Chaplains' rooms 141, 144 and 146. Faculty Lounge, St. Joseph's College.

Non-Credit Courses

Faculty of Extension

Real Estate Education

For further information on the courses listed below, telephone 432-5060. Appraisal of Real Property
Contract Law for Real Estate Personnel
Real Estate Law
Advanced Real Estate Law

Land Economics

Land Planning and Development
Property Management
Real Estate and Mortgage Finance
Should I Buy This House?
Residential Landlords and Tenants: An Introduction to the Law
Investment Analysis—The Mathematics of Yield Measurement, Property Valuation, and Ranking of Investment Alternatives
Design and Analysis of Survey Questionnaires
Practical Apartment Caretaking
Apartment Rental Techniques
The Understanding and Applications of Interest Rate Futures

Fitness and Lifestyle Programs

For further information on the courses listed below, telephone 432-2015 (days) or 432-3116 (after 4:30 p.m.).
Fitness for Superfits (1779)
Fitness for Men (1776)
Fitness for Women (1777)
Morning Fitness (1793)
The Incredible Machine (1778)
Co-Ed Fitness (1780)
Co-Ed Aerobic Fitness (1781) Fitness for Nurses
Yoga (1783)
Fitness for Unfits (1791)(1792)
From Fat to Fit (1794)(1795)
Aerobic Dance Plus (1796)
Introductory Yoga (1800)
Fitness and Lifestyle for Seniors (1788)(1789)
Tai Chi (1785)(1786)(1787)
Feldenkrais—Awareness Through Movement (1790)

Horticulture

For further information on the courses listed below, telephone 432-3029.
Indoor Landscaping
Introduction to Hydroponics
Greenhouse Design, Construction and Management I
Control of Home and Garden Insect Pests

Energy Conservation

For further information on the course listed below, telephone 432-3029.
A Detailed Introduction to Passive Solar and Energy Conservation

Business and Professional

For further information on the courses listed below, telephone 432-5066 or 432-5067.
Effective Interviewing Techniques
Speculating in Commodity Futures
Effective Selling Skills
Dynamics of Effective Management
Employee Discipline and Complaint Handling
Transition Process to Management
Effective Communication and Work Direction
Motivating Subordinates

Devonian Botanic Garden

Gardening and Nature Study

24 September, 1 to 4 p.m. This course will be limited to the recognition of local willows using a step by step approach, and vegetative characteristics. Includes indoor study and observations in the field.

Residential Landscape Design—Acreages

Beginning 21 September, 7 to 9 p.m. This course provides an introduction to planning, design, construction and maintenance principles for residential landscaping.

Notices

University/Community Special Projects Fund, and Fund for Support of International Development Activities:

Deadline for Submissions

The next deadline for submission of project proposals to both funds is 15 September 1983. Upon the request of the respective committees, deadlines will be strictly enforced in the future, unless exceptional circumstances warrant special consideration.

Proposals must be accompanied by endorsements from both the Department Head and the Faculty Dean, or a Director, Vice-President, or other senior administrator.

Submissions and enquiries, as well as requests for application forms, should be addressed to the Committee Secretary, Mrs. Eva M. Cherniavsky, 3-31 University Hall, telephone 432-4588.

Study Leave

You are reminded that, in accordance with The Faculty Agreement, applications for 1984-85 study leave should be submitted, through Department Chairmen to Deans, no later than 15 October 1983. Application forms are available in Faculty offices or from the Office of the Vice-President (Academic).

Campus Reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews, the Office of the Registrar is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee. In preparation for this second phase, PACCR invites written comment prior to 15 October 1983. Submissions are for the use of the Unit Review Committee and will hold in confidence by the members of that committee.

Submissions should be sent to: Mrs. L. Pearson, PACCR Office, W4-13 Chemistry Building, Attention: The Unit Review Committee for the Office of the Registrar.

University Professorships

The Selection Committee for University Professors will be considering nominees for University Professorships in the Fall. This title honors professors whose academic, professional and community contributions have been exceptionally meritorious.

Nominations should be submitted to Dr. D.M. Ross, Department of Zoology (CW312 Biological Sciences Centre), no later than 15 October 1983. Before making any nominations, people are asked to study the criteria, copies of which can be obtained from Mrs. P.M. Plaskitt, 2-5 University Hall, 432-4715.

Sale of Dried Flowers

The University of Alberta Botanic Garden Club's annual sale of dried flowers, grasses, arrangements, herbs, potpourri and supplies will be held 22 to 24 September at Southgate Shopping Centre (near the fountain). Club members will demonstrate the art of drying and arranging. Sale hours are 9:30 a.m. to 9 p.m. on 22 and 23 September and 9:30 a.m. to 5:30 p.m. on 24 September.

Volunteers Required

The Historic Costume and Textile Study Collection of the Faculty of Home Economics is recruiting volunteers interested in working in an academic, museum setting. A recruitment session is scheduled for 14 September between 4 and 6 p.m. in B-19 Home Economics Building, corner of 112 Street and 87 Avenue. Those interested may call 432-2528 for more information.

Theft of Bicycles

Bicycles have been reported stolen from almost all areas of campus. Owners are requested by Campus Security to obtain high grade bicycle locks and chains that resist bolt cutters.

Should you observe any suspicious activity that tends to indicate that someone may try to steal a bicycle, please call Campus Security at 432-5252.

Faculty Badminton Club

Badminton will be played every Wednesday evening, 8:30 to 11 p.m., in the Education Gymnasium, on 87 Avenue beginning 14 September. Faculty, Research Associates, Postdoctorals and spouses are welcome; beginners and professionals included. Annual fee \$9 per person, includes cost of birds.

If you would like more information, phone Gordon Freeman, 432-3468 or Reg Trollope, 432-3398.

ETS Passes

Edmonton Transit System passes can now be purchased at the University Bookstore. The monthly pass sells for \$31; the student pack, good for four months, sells for \$112.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

For sale - 1 table, 48 x 72" with two 18 x 72" drop leaves, wood with yellow arborite surface on locking casters, three drawers on each end, power outlets in sewing machine alcoves.

For further information, please contact: Darlene Baker, Occupational Therapy, 432-2499.

For sale - Hewlett-Packard Data Acquisition System mounted in 3 bay, castered equipment rack consisting of the following sub-assemblies:

1 HP2100 CPU s/n 1224A01558 includ-

ing all "A" boards, 32K memory and the following I/O cards - 1/0 extender card, 13210A disc interface card, 3 X ground true in/out cards, plus true interface card, 2020 7 track tape interface card, 3 X buffered TTY interface cards.

1 HP2100 CPU s/n 1402A04798 including all "A" boards only.

1 HP2155A I/O extender s/n 1139A00117 including cables and the following I/O cards - dual D/A converter card, 13210A disc interface card, 2 X buffered TTY interface cards, paper tape reader interface card.

3 HP7901A disc drives s/n 1415A00238, 1415A00285, 1415A00399 including one disc interface cable. All drives currently inoperable but repairable for about \$500 each through Hewlett-Packard.

1 HP2737A paper tape reader s/n

806-00378 (motor missing)

1 HP7970A 9 track tape drive (slave) s/n 1048A00390 (no cables)

For further information, please contact:

T.R. Overton or B Heath at 432-6344.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Vice-President (Academic)

Nominations for the position of Vice-President (Academic) or indications of interest in the position should be made by writing to President Horowitz, Chairman of the Search Committee, 3-1 University Hall. Both male and female members of staff are invited to apply. Written applications or nominations from individuals both within and outside The University of Alberta will be received until 15 October 1983. Applications should be accompanied by a curriculum vitae and the names of three referees.

Biosafety Officer, Department of Occupational Health and Safety

The Biosafety Officer will be responsible for the Biosafety Program at the University, including the following: initiating, implementing and administering biosafety policies and procedures; acting as consultant to researchers and administrators; supervising, testing, and maintenance of bio-hazardous areas.

Qualifications include a MSc and experience in microbiology, bacteriology, virology or biochemistry, education in administering a biosafety program, and effective interpersonal and written communication skills. Other suitable combinations of education and experience will be considered.

Salary range: \$29,912 to \$44,876 depending on qualifications and experience. A comprehensive benefits package is offered.

Further information may be obtained by telephoning 432-3387. Send applications and/or résumés to: Administrative Services, Personnel Office, The University of Alberta, 563 General Services Building, Edmonton, Alberta T6G 2H1.

Administrative Professional Officer, Economics

The person in this position is responsible to the Chairman, Department of Economics, for maintaining an effective administrative support structure. Five of seven non-academic staff members are supervised. Responsibilities include various administrative tasks related to (i) the teaching of the thirty-six full-time faculty and several lecturers; textbooks, timetables, space, grades; (ii) the activities and programs committees (about forty-five graduate students); and (iii) the preparation and coordination of the department's capital and operating budgets.

Several years of administrative/managerial experience, preferably in a university, are required. A university degree is not necessary.

Salary range is \$25,399 to \$38,107. (The Hay point rating of the position is 417.)

Interested persons please submit a résumé and names of references to Professor Melville L. McMillan, Acting Chairman, Department of Economics, The University of Alberta, Edmonton, Alberta, T6G 2H4, by 15 September 1983.

Administrative Officer, Faculty of Dentistry

Applications are invited for the position of Administrative Officer, Faculty of Dentistry. The Faculty has four academic departments with teaching and research programs. The Faculty provides dental services through six dental clinics in the Faculty and three dental clinics in northern Alberta.

Duties include full budget responsibilities (operating, capital and trust); personnel management; physical plant management; and computerization of patient, student, purchasing and budget management systems.

This is an Administrative Professional Officer position reporting directly to the Dean. The salary is commensurate with qualifications and experience: minimum salary, \$28,975 per annum. Preference will be given to candidates with administrative/managerial experience at the university level and a university degree.

Interested persons should submit a résumé and the names of three references to Dean G.W. Thompson, Faculty of Dentistry, The University of Alberta, 3032 Dentistry/Pharmacy Centre, Edmonton, Alberta T6G 2N8.

Closing date for receipt of applications is 22 September 1983.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. As positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 1 September 1983. Salaries are currently under review. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Typist II (\$1,161-\$1,390) Community Relations

Clerk Steno II (Recurring Term) (\$1,161-\$1,390) Forest Science

Clerk Typist III (Part-Time) (\$776-\$936) Microbiology
 Secretary (Part-Time, Trust) (\$1,030-\$1,261) Graduate Students' Association
 Clerk Steno III (\$1,294-\$1,561) Faculty of Extension
 Clerk Steno III (\$1,294-\$1,561) Educational Administration
 Clerk Steno III (\$1,294-\$1,561) Pathology
 Clerk Steno III (\$1,294-\$1,561) Sociology
 Clerk Typist III (Part-Time, Trust) (\$647-\$780) Faculté Saint-Jean
 Student Records Processing Clerk (\$1,294-\$1,561) Rehabilitation Medicine
 Library Assistant I (\$1,338-\$1,625) Rural Economy
 Secretary (\$1,442-\$1,722) Restorative Dentistry
 Administrative Clerk (\$1,442-\$1,766) Personnel Services and Staff Relations
 Technical Assistant (\$1,294-\$1,561) Radio and Television
 Equipment Assistant (\$1,338-\$1,625) Physical Education and Recreation
 Audiovisual Technician I/II (\$1,497-\$2,092) Physical Education
 Technician I (\$1,497-\$1,842) Computing Services
 Technician I (Trust) (\$1,497-\$1,842) Physiology
 Technician I (Trust) (\$1,497-\$1,842) Pharmacology
 Technician (Trust) (\$1,497-\$1,842) Medicine
 Technician I (\$1,497-\$1,842) Surgical Medical Research Institute
 Technician I/Technologist I (Trust) (\$1,497-\$1,697) Pharmacy
 Computer Operator I/II (\$1,561-\$2,092) Office of Administrative Systems
 Editorial Assistant (Term) (\$1,766-\$2,182) Board of Governors
 Applications Analyst (\$1,842-\$2,280) Office of Administrative Systems
 Administrative Assistant I (\$1,842-\$2,280) Personnel Services and Staff Relations
 Programmer Analyst I/II (\$1,842-\$2,710) Computing Services
 Maintenance Worker II (\$1,842-\$2,280) Physical Plant
 Technician III (Part-Time) (\$960-\$1,189) Botany
 Nurse (\$1,920-\$2,378) University Health Service
 Bacteriology Technologist II (\$1,920-\$2,378) Microbiology
 Fire Safety Technician (Term to Dec./83) (\$2,003-\$2,486) Occupational Health and Safety

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in Cameron Library (Room 512) should be consulted for further information as to availability and position requirements.

Library Clerk II (\$1,161-\$1,390) Acquisitions
 Library Clerk III (\$1,294-\$1,561) Law
 Library Clerk III (\$1,294-\$1,561) Acquisitions
 Library Assistant II (\$1,497-\$1,842) Cataloguing
 Library Assistant III (\$1,697-\$2,092) Cataloguing

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Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of thirty words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone.

Accommodations available

Sleeping room - Male graduate student, non-smoker. Quiet home, private entrance, near Lister Hall. 439-1793.
 For rent - Downtown condominium. Five minutes from University. \$500/month. Fireplace, patio, five appliances, heated indoor parking. Phone 432-2643 or 482-6228.
 For rent - Four-bedroom house with fridge and stove. McKernan district. Two additional bedrooms in basement. Close to schools, University, bus and shopping. 436-5470.
 Owner selling home - Ten minutes campus. Oak cupboards, new carpeting, fireplace, double garage, huge yard, fenced, professionally developed basement. Three bedrooms, two full bathrooms. Vinyl siding. \$85,000. 436-4615 after 6 p.m.
 House for sale - University area, by owner. Finished basement. 11260-78 Ave. Asking \$92,500. Phone 466-9250, 466-4834.
 Sale by owner - Three-bedroom condominium in Ermineskin, backing onto greenbelt area. Asking \$64,900. 435-1413 evenings.
 Looking for something different? Delightful home in Mill Creek Ravine, completely renovated. Asking \$109,000. 433-7234.
 For sale - Ermineskin, split-level, four-bedroom, many benefits. \$136,900. Bob Wray, 435-7648 Royal Trust
 Sale - Quiet part of Saskatchewan Drive. Three bedrooms. 423-2361, 439-3933.
 Sale - Parkallen gems. Excellent locations. 1,140 sq. ft., \$84,500. 840 sq. ft., \$76,000. Spencer's. Joyce Byrne, *435-6064, 436-5250.
 Sale - Quiet crescent location. Blue Quill. Lovely, Clarendon home over 1,900 sq. ft. Reduced, owner transferred. \$135,000. Spencer's. Joyce Byrne, 435-6064, 436-5250.

House for rent - At 6907 10 Ave. Suitable for professor and family. Three-bedroom, living-room, recreation room, fully landscaped, double garage. 463-2014 evenings or 433-6614 days. Ask for Anne Derk.

Rent - Luxuriously furnished Riverbend townhouse, for University season. Mature, sober, non-smokers. \$850 plus utilities. 434-0785.

For sale - 7735-111 St. McKernan, near University. Condominium home in exclusive 4-plex: Three-bedroom, 2 1/2 bathrooms, private master suite, fireplaces, cedar exterior, double garage, mature landscaping. Gordon Fearn, 432-4527, 434-9607.

Free rent for one person - In exchange for housekeeping, preparing meals. One half utilities, your own room and bath. Non-smoker. Suitable for female or student. Call 433-7841 after 5 p.m.

For rent - Two-bedroom condominium. Five appliances, Blue Quill. Available 15 Sept. \$575. 438-1541 evenings.

Sale - Saskatchewan Drive - University. A home with all the old rustic charm. Nestled amongst trees on three lots. Original oak floors and woodwork, stone fireplace. Chris Tenove, 433-5664. 436-5250, Spencer's.

Sale - Spacious and charming. A 2,416 sq. ft. immaculate, cedar, two-storey. Huge master bedroom with 6-pc. ensuite. Main floor family room, fireplace. Meticulous yard. Call Chris Tenove, 433-5664. 436-5250, Spencer's.

Sale - Three blocks to University. Two-bedroom condominium, Norfolk on Whyte. Neutral decor. Five appliances. Immediate possession. Call Chris Tenove, 433-5664. 436-5250, Spencer's.

Rent - Near U of A. Three-room, basement suite. Clean and bright. Ideal for student. Require references. Phone 451-4639.

Sale - Three-bedroom bungalow across from farm. Fireplace, new kitchen, developed basement, garage, \$102,900. Aspen Gardens, four-bedroom split, family room, beautiful condition, \$126,900. Judy Chahley, A.E. LePage, 435-2797, 436-5080.

Accommodations wanted

Parking space/garage wanted, Windsor Park or Garneau. 435-7126 after 6 p.m. Attention! Mature student willing to house-sit. Will pay utilities and maintain property. Chris, 455-2297

Automobiles and others

Visiting U.K.? Save on hotels in self-contained Winnebago Warrior. Sleeps five. Airport pick-up. 437-2920.
 1971 Volvo 144, only 51,000 miles. Very good condition. \$2,100, OBO. Call 432-4659 (work), 433-4867 (home).
 1980, 650cc Honda motorcycle. Fairing, lots

of extras, low mileage, excellent condition. 464-0421 evenings.
 Gold, 1972 Volvo, 1800 sports car, excellent condition. \$6,700. 433-7234.

Goods for sale

Clarinet. Yamaha. Excellent condition. New cork. \$220. 483-6973.

Garage sale - Leaving city. Ideal furniture for students. Tools, T.V., appliances, yard equipment. 9 a.m. - on Saturday, 10 Sept. 8926 Windsor Road.

Portable, professional, studio equipment: Two TLR cameras, 2 1/4 square. Lights, tripods, etc. 464-0421 evenings.

Max the handsome tabby needs new home. He's black-grey, neutered, tidy and comes with six-month food supply. Call 436-8272 after 5 p.m.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419.

Singing teacher, Eileen Turner 439-4661.
 Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.

Master's Touch - Wall covering, paperhanging, painting. Quality workmanship, reliable service. Call Jo Anne, 483-5319.

Piano, theory lessons. Western Board. Robert Gariepy, 433-7238.

Parents seek child-loving person to care for our infant son. 4 to 5 days per week in our home, near University. Have friendly dog. References. 435-8209 evenings or weekends.

Yoga for figure, fitness and relaxation. Instruction in Navyog (new combination system), and classical yoga. Easy and interesting classes, Mondays and Wednesdays. Starting 26 September. Information: Judy 436-4718, weekdays 7-9p.m. All are welcome to spend the High Holy Days with us at Temple Beth Ora. For further information, contact Alexis Rothchild at 489-6021 or Steven Friedenthal at 458-1233.

NEW! HOURS ANNOUNCEMENT LISTER HALL FRONT DESK

BEGINNING SEPTEMBER 12, 1983

Weekdays

8:00 am to 8:30pm

WEEKENDS & HOLIDAYS

8:00am to 7:30 pm